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OM nucleic - nucleic search, using sw model

Run on: March 29, 2003, 21:28:42 ; Search time 12.0103 Seconds
(without alignments)
6347.535 Million cell updates/sec

Title: US-09-988-971-1_COPY_694_942
Perfect score: 249
Sequence: 1 tggcctgtatgagggccctgag.....agccctgtgagaccatc 249

Scoring table: IDENTITY NUC
Gapop 10.0, Gapext 1.0

Searched: 441362 seqs, 153338381 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents NA:
1: /cgn2_6/prodata/1/ina/5A_COMB.seq:*
2: /cgn2_6/prodata/1/ina/5B_COMB.seq:*
3: /cgn2_6/prodata/1/ina/6A_COMB.seq:*
4: /cgn2_6/prodata/1/ina/6B_COMB.seq:*
5: /cgn2_6/prodata/1/ina/PCFUS_COMB.seq:*
6: /cgn2_6/prodata/1/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	97	39.0	675	1	US-08-707-793A-3
2	97	39.0	675	1	US-08-707-792A-3
3	74.6	30.0	1611	1	US-07-820-011A-3
4	74.6	30.0	1611	5	PCT-US93-00445-3
5	73	29.3	2647	5	PCT-US93-06251-77
6	66.6	26.7	1602	1	US-07-820-011A-1
7	66.6	26.7	1602	5	PCT-US93-00445-1
8	65.2	26.2	282	2	US-09-006-675-5
9	65.2	26.2	282	4	US-09-228-603A-5
10	65.2	26.2	1491	4	US-09-006-675-1
11	52.2	26.2	1491	4	US-09-228-603A-1
12	52.2	26.2	1491	4	PCT-US93-06251-83
13	48.8	19.6	1548	4	US-09-099-053-1
14	46	18.5	190	5	PCT-US93-06251-14
15	45	18.1	144	5	PCT-US93-06251-13
16	40.8	16.4	164	1	US-08-306-691B-28
17	40.8	16.4	164	5	PCT-US93-06251-70
18	36.8	14.8	115	1	US-08-306-691B-27
19	36.8	14.8	115	5	PCT-US93-06251-69
20	35.2	14.1	5020	3	US-08-938-281A-3
21	34	13.7	2770	4	US-08-426-509A-5
22	34	13.7	2770	5	PCT-US95-05008-5
23	34	13.7	7607	1	US-08-222-616-19
24	34	13.7	7607	4	US-08-446-648-19
25	34	13.7	7607	5	PCT-US95-04228-19
26	33.6	13.5	1804	1	US-08-306-691B-40
27	33.6	13.5	1804	4	US-09-167-322-14

28	33.6	13.5	1804	5	PCT-US93-06251-82	Sequence 82, Appl
29	33.4	13.4	1810	1	US-07-708-866A-1	Sequence 1, Appl
30	33.4	13.4	1810	1	US-07-708-866A-2	Sequence 1, Appl
31	33	13.3	479	4	US-09-465-558-25	Sequence 25, Appl
32	32	12.9	289	4	US-09-007-005-17	Sequence 17, Appl
33	32	12.9	289	4	US-09-244-796-17	Sequence 17, Appl
34	31	12.4	20235	1	US-07-642-734C-3	Sequence 3, Appl
35	31	12.4	20235	3	US-08-439-009A-3	Sequence 3, Appl
36	30.4	12.2	1820	1	US-08-173-508-7	Sequence 7, Appl
37	30.4	12.2	1821	2	US-08-265-310-7	Sequence 7, Appl
38	30.4	12.2	1821	3	US-08-351-742-7	Sequence 7, Appl
39	30.2	12.1	536	4	US-09-465-558-63	Sequence 63, Appl
40	29.8	12.0	1058	3	US-09-156-807-1	Sequence 1, Appl
41	29.8	12.0	1058	4	US-09-387-341-109	Sequence 109, App
42	29.6	11.9	1142	4	US-09-386-642-8	Sequence 8, Appl
43	29.6	11.9	1169	4	US-09-386-642-7	Sequence 7, Appl
44	29.2	11.7	1419	1	US-08-480-525-1	Sequence 1, Appl
45	29.2	11.7	1419	5	PCT-US94-06422-1	Sequence 1, Appl

ALIGNMENTS

RESULT 1
US-08-707-793A-3
Sequence 3, Application US/08707793A
Patent No. 577696
GENERAL INFORMATION:
APPLICANT: SALOWE, SCOTT P.
TITLE OF INVENTION: A HIGH THROUGHPUT ASSAY USING
TITLE OF INVENTION: FUSION PROTEINS
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSER: Merck & Co., Inc.
STREET: P.O. Box 2000, 126 E. Lincoln Ave.
CITY: Rahway
STATE: NJ
COUNTRY: USA
ZIP: 07065-0900
COMPUTER READABLE FORM:
MEDIUM TYPE: diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08707793A
FILING DATE: 04-SEP-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Camara, Valerie J
REGISTRATION NUMBER: 35,090
REFERENCE/DOCKET NUMBER: 19494
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3902
FAX: 908-594-4720
TELEX:
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 675 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Genomic DNA
US-08-707-793A-3

Query Match 39.0%; Score 97; DB 1; Length 675;
Best Local Similarity 61.8%; Pred. No. 6.7e-20;
Matches 154; Conservative 0; Mismatches 95; Indels 0; Gaps 0;
Cy 1 TGGCTGTATGAGGGCCCTGAGCAGGAGAAAGCAAGCACTGCTGTCTTACTGGAAC 60

AUTHORS: Kung, Hsing-Jien
AUTHORS: Fujita, Donald J.
TITLE: Human Cellular src Gene;
TITLE: Nucleotide Sequence and Derived Amino
TITLE: Acid Sequence of the Region Coding for
TITLE: the Carboxy-Terminal Two-Thirds of
JOURNAL: Molecular and Cellular Biology
VOLUME: 5
ISSUE: 5
PAGES: 1122-1129
DATE: May, 1985
PUBLICATION INFORMATION:
AUTHORS: Tanaka, Akio
AUTHORS: Gibbs, Carol P.
AUTHORS: Arthur, Richard R.
AUTHORS: Anderson, Stephen K.
AUTHORS: Kung, Hsing-Jien
AUTHORS: Fujita, Donald J.
TITLE: DNA Sequence Encoding the
TITLE: Amino-Terminal Region of the Human c-src
TITLE: Protein: Implications of Sequence
TITLE: Divergence among src-Type Kinase
JOURNAL: Molecular and Cellular Biology
VOLUME: 7
ISSUE: 5
PAGES: 1978-1983
DATE: May, 1987
US-07-820-011A-3

Query Match 30.0%; Score 74.6; DB 1; Length 1611;
Best Local Similarity 57.5%; Pred. No. 3.7e-13;
Matches 134; Conservative 0; Mismatches 99; Indels 0; Gaps 0;

QY 17 TGAGCAGGAGAAACAGAGAACTGCTGTGTTACTCTGGAGACCTTGAGGGGCTTCC 76
DB 467 TCACCAAGAGGAGGTCAAGAGCGGTACTGCTCAATGACAGAAACCCGAGAGGAGACTTCC 526
QY 77 TCATCCGGAGAGCCAGACCGAGAGGCTTACTCTGTGATGTCGCGCTCAGCGGCC 136
DB 527 TCGTGGAGAAAGTAGACACGAGAGGCTTACTGCTTCACTGCTGATGCTTCACTTCC 586
QY 137 CTGCATCTCGGAGCCGATCAGACATCAAGATCCACTGCTTGAACAATGGCTGGCTGT 196
DB 587 ACGCCAAGGCTTCAAGTGAAGCACTAACAATCCGCAAGCTGACAGCGGCGCTTCT 646
QY 197 ACATCTCAGCGGCTTCACTTCCCTCACTCCAGGCGCTGAGCAATGAC 249
DB 647 ACATCAGCTTCCGACCACTTCAACAGCGCTGAGCAAGCTGAGCTTACTAC 699

RESULT 4
PCT-US93-00445-3
Sequence 3. Application PC/TUS9300445
GENERAL INFORMATION:
APPLICANT: Bell, Leonard
APPLICANT: Madril, Joseph A.
APPLICANT: Warren, Stephen L.
APPLICANT: Luthinger, Daniel J.
TITLE OF INVENTION: Genetically Engineered
TITLE OF INVENTION: Endothelial Cells
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Maurice M. Klee
STREET: 1951 Burr Street
CITY: Fairfield
STATE: Connecticut
COUNTRY: USA
ZIP: 06430
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 760 Kb storage
COMPUTER: DELL 486/50

OPERATING SYSTEM: DOS 5.0
SOFTWARE: Displaywrite 3
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/00445
FILING DATE: 19930105
CLASSIFICATION:
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 07/820,011
FILING DATE: 06-JAN-1992
ATTORNEY/AGENT INFORMATION:
NAME: Klee, Maurice M.
REGISTRATION NUMBER: 30,399
REFERENCE/DOCKET NUMBER: ALX-101PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (203) 254 1101
TELEFAX: (203) 254 1101
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 1611
TYPE: NUCLEIC ACID
STRANDEDNESS: Double
TOPOLOGY: Linear
MOLECULE TYPE: cDNA to mRNA
HYPOTHETICAL: No
ANTI-SENSE: No
ORIGINAL SOURCE:
ORGANISM: Homo sapien
POSITION IN GENOME:
CHROMOSOME/SEGMENT: Chromosome 20
PUBLICATION INFORMATION:
AUTHORS: Anderson, Stephen K.
AUTHORS: Gibbs, Carol P.
AUTHORS: Tanaka, Akio
AUTHORS: Kung, Hsing-Jien
AUTHORS: Fujita, Donald J.
TITLE: Human Cellular src Gene;
TITLE: Nucleotide Sequence and Derived Amino
TITLE: Acid Sequence of the Region Coding for
TITLE: the Carboxy-Terminal Two-Thirds of
JOURNAL: Molecular and Cellular Biology
VOLUME: 5
ISSUE: 5
PAGES: 1122-1129
DATE: May, 1985
PUBLICATION INFORMATION:
AUTHORS: Tanaka, Akio
AUTHORS: Gibbs, Carol P.
AUTHORS: Arthur, Richard R.
AUTHORS: Anderson, Stephen K.
AUTHORS: Kung, Hsing-Jien
AUTHORS: Fujita, Donald J.
TITLE: DNA Sequence Encoding the
TITLE: Amino-Terminal Region of the Human c-src
TITLE: Protein: Implications of Sequence
TITLE: Divergence among src-Type Kinase
JOURNAL: Molecular and Cellular Biology
VOLUME: 7
ISSUE: 5
PAGES: 1978-1983
DATE: May, 1987
PCT-US93-00445-3

Query Match 30.0%; Score 74.6; DB 5; Length 1611;
Best Local Similarity 57.5%; Pred. No. 3.7e-13;
Matches 134; Conservative 0; Mismatches 99; Indels 0; Gaps 0;

QY 17 TGAGCAGGAGAAACAGAGAACTGCTGTGTTACTCTGGAGACCTTGAGGGGCTTCC 76
DB 467 TCACCAAGAGGAGGTCAAGAGCGGTACTGCTCAATGACAGAAACCCGAGAGGAGACTTCC 526
QY 77 TCATCCGGAGAGCCAGACCGAGAGGCTTACTCTGTGATGTCGCGCTCAGCGGCC 136

Db 527 TCCTGGGAGAAAGTGAACCAAGAGGCTCTCTTCAAGTCTGACTTTCACCA 586
Qy 137 CTGCATCTCGGAGCCGATGAGCACTACAGATTCACCTTGAACATGCGCTGT 196
Db 587 ACCCAAGGGGCTCAAGTGAAGCACTACAGATTCGCAAGCTGAGCAGCGGCTTCT 646
Qy 197 ACATCTCAGCGGCTCAAGCTTCCCTCACTCCAGGCGCCCTGAGCACTTAC 249
Db 647 ACATCACTCTCCGCAACCACTTCAACAGCTTCAGCAGCTGGGCTTACTAC 699

RESULT 5
PCT-US93-06251-77

Sequence 77, Application PC/TUS9306251
GENERAL INFORMATION:
APPLICANT: Wickstrom, Eric and Rife, Jason P.
TITLE OF INVENTION: Trivalent Synthesis of Oligonucleotides Containing
TITLE OF INVENTION: Stereospecific Alkylphosphonates and Arylphosphonates
NUMBER OF SEQUENCES: 93
CORRESPONDENCE ADDRESS:
ADDRESSEE: SCULLY, SCOTT, MURPHY & PRESSER
STREET: 400 Garden City Plaza
CITY: Garden City
STATE: NY
COUNTRY: USA
ZIP: 11530
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/06251
FILING DATE: 19930630
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: DIGILIO, Frank S.
REGISTRATION NUMBER: 31,346
REFERENCE/DOCKET NUMBER: 8586
TELECOMMUNICATION INFORMATION:
TELEPHONE: 516-742-4343
TELEFAX: 516-742-4366
INFORMATION FOR SEQ ID NO: 77:
SEQUENCE CHARACTERISTICS:
LENGTH: 247 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
PCT-US93-06251-77

Query Match 29.3%; Score 73; DB 5; Length 2647;
Best Local Similarity 55.8%; Pred. No. 1,3e-12;
Matches 139; Conservative 0; Mismatches 110; Indels 0; Gaps 0;

Qy 1 TGGCTGATAGGGGCTTGAAGAGGAGAGAGAACTGCTGTGTACTCTGGAGAC 60
Db 1024 TGTACTTTGGAAAACTTGGCGAAAAAGATGCTGACCAAGCTATTGCTTTGAAAA 1083
Qy 61 CCTGAGGGGCTTCTCTATCCGAGAGAGCCAGACCCAGAGAGGCTTACTCTGTCA 120
Db 1084 CCAAGAGTACTTTCTTATCCGGAGAGTGAACCAACAAAGGTGCTATTCACTTCT 1143
Qy 121 GTCCGCTCAGCCGCTGACCTCTGAGACCGGATCAGACACTACAGATTCACGCTT 180
Db 1144 ATCCGATATTGGAGATGATGAAGAGAGCAATGCTCAACATTTAATAATTGCAACTT 1203
Qy 141 GACATGGCTGGCTGATCACTCAACCGCGCTCACTTCCCTTCACTCCAGGCTGTGT 240
Db 1204 GACATGGTGGATCACTCAATTAACCCCGGCGCAGTTTGAACACTTCAGCAGCTGT 1263

Qy 241 GACCATTAAC 249
Db 1264 CAACATTAC 1272

RESULT 6
US-07-820-011A-1

Sequence 1, Application US/07820011A
Patent No. 5336615
GENERAL INFORMATION:
APPLICANT: Bell, Leonard
APPLICANT: Madri, Joseph A.
APPLICANT: Warren, Stephen L.
APPLICANT: Luthringer, Daniel J.
TITLE OF INVENTION: Genetically Engineered
TITLE OF INVENTION: Endothelial Cells Exhibiting Enhanced
TITLE OF INVENTION: Migration
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Maurice M. Klee
STREET: 1951 Burr Street
CITY: Fairfield
STATE: Connecticut
COUNTRY: USA
ZIP: 06430
COMPUTER READABLE FORM:
MEDIUM TYPE: 5.25 inch, 360 Kb storage
COMPUTER: IBM PC XT
OPERATING SYSTEM: PC-DOS/MS-DOS 2.10
SOFTWARE: Displaywrite 3
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/820,011A
FILING DATE: 19920106
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Klee, Maurice M.
REGISTRATION NUMBER: 30,399
REFERENCE/DOCKET NUMBER: 1B-101
TELECOMMUNICATION INFORMATION:
TELEPHONE: (203) 255 1400
TELEFAX: (203) 254 1101
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 1602 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: Double
TOPOLOGY: Linear
MOLECULE TYPE: cDNA to mRNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Gallus, gallus
PUBLICATION INFORMATION:
AUTHORS: Takeya, Tatsuo
AUTHORS: Hanafusa, Hidesaburo
TITLE: Structure and Sequence of the
TITLE: Cellular Gene Homologous to the RSV src
TITLE: Gene and the Mechanism for Generating the
JOURNAL: Cell
VOLUME: 32
PAGES: 881-890
DATE: March, 1983
US-07-820-011A-1

Query Match 26.7%; Score 66.6; DB 1; Length 1602;
Best Local Similarity 54.2%; Pred. No. 8.6e-11;
Matches 135; Conservative 0; Mismatches 114; Indels 0; Gaps 0;

Qy 1 TGGCTGATAGGGGCTTGAAGAGGAGAGAACTGCTGTGTACTCTGGAGAC 60
Db 442 TGTACTTTGGAAAGTCACTCTGCGAGATCCAGAGGCTGCTCTCAACCCGAAAAAC 501

61 CCTGAGGGGCGCTTCTCTCATCCGAGAGCCAGACGAGAGGCTTACTCTCTGTCA 120
DB 502 CCCCGGGGAACTTCTTGGTCCGGAGAGCGAGCAAAAGTGCTTATGGCTCTCTCC 561
QY 121 GTTCCGCTTACCGCCCTGTATCTCGGATCCGATTCAGCACTACAGGATCACTGCTT 180
DB 562 GTTCTGACTTTGACAAAGCGCAAGGGGCTCATGTGAGCACTTACAAATCCCAAGCTG 621
QY 181 GACAAATGCTGCTGTATCTCATCCGCGCTCACTTCCCTCACTCCAGGCGCTGTG 240
DB 622 GACAGGGGGGCTTCTATCATCTACAGCAGACAGTTACAGCGCTGACAGAGCTGTG 681
QY 241 GACCATTTAC 249
DB 682 GCCTACTAC 690

RESULT 7

PCT-US93-00445-1

Sequence 1, Application PC/TUS9300445

GENERAL INFORMATION:

APPLICANT: Bell, Leonard

APPLICANT: Madri, Joseph A.

APPLICANT: Warren, Stephen L.

APPLICANT: Luthinger, Daniel J.

TITLE OF INVENTION: Genetically Engineered

TITLE OF INVENTION: Endothelial Cells

NUMBER OF SEQUENCES: 4

CORRESPONDENCE ADDRESS:

ADDRESSEE: Maurice M. Klee

STREET: 1951 Burr Street

CITY: Fairfield

STATE: Connecticut

COUNTRY: USA

ZIP: 06430

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch, 760 Kb storage

COMPUTER: DELL 486/50

OPERATING SYSTEM: DOS 5.0

SOFTWARE: Displaywrite 3

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US93/00445

FILING DATE: 19930105

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/820,011

FILING DATE: 06-JAN-1992

ATTORNEY/AGENT INFORMATION:

NAME: Klee, Maurice M.

REGISTRATION NUMBER: 30,399

REFERENCE/DOCKET NUMBER: ALX-101PCT

TELECOMMUNICATION INFORMATION:

TELEPHONE: (203) 255 1400

TELEFAX: (203) 254 1101

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 1602 base pairs

TYPE: NUCLEIC ACID

STRANDEDNESS: Double

TOPOLOGY: Linear

MOLECULE TYPE: cDNA to mRNA

HYPOTHETICAL: NO

ANTI-SENSE: NO

ORIGINAL SOURCE:

ORGANISM: Gallus, gallus

PUBLICATION INFORMATION:

AUTHORS: Takeya, Tetsuo

AUTHORS: Hanafusa, Hideaburo

TITLE: Structure and Sequence of the

TITLE: Cellular Gene Homologous to the RSV src

TITLE: Gene and the Mechanism for Generating the

TITLE: Transforming Virus

JOURNAL: Cell
VOLUME: 32
PAGES: 881-890
DATE: March, 1983
PCT-US93-00445-1

Query Match 26.7%; Score 66.6; DB 5; Length 1602;
Best Local Similarity 54.2%; Pred. No. 8.6e-11;
Matches 135; Conservative 0; Mismatches 114; Indels 0; Gaps 0;

QY 1 TGGCTGTATGAGGCGCTTGACGAGGAGAAAGCAGAGAACTGCTGTTGATCACTGGGAAAC 60
DB 442 TGGTACTTGGGAAAGATCACTGTGCGAGATCCGAGCGCTGTCTCAACCCGAAAC 501
QY 61 CCTGAGGGGCGCTTCTCTCATCCGAGAGCCAGACGAGAGGCTTACTCTCTGTCA 120
DB 502 CCCCGGGGAACTTCTTGGTCCGGAGAGCGAGACGACAAAGTGCTTATGGCTCTCTCC 561
QY 121 GTTCCGCTTACCGCCCGCTGTATCTCGGATCCGATTCAGCACTACAGGATCACTGCTT 180
DB 562 GTTCTGACTTTGACAAAGCGCAAGGGGCTCATGTGAGCACTTACAAATCCCAAGCTG 621
QY 181 GACAAATGCTGCTGTATCTCATCCGCGCTCACTTCCCTCACTCCAGGCGCTGTG 240
DB 622 GACAGGGGGGCTTCTATCATCTACAGCAGACAGTTACAGCGCTGACAGAGCTGTG 681
QY 241 GACCATTTAC 249
DB 682 GCCTACTAC 690

RESULT 8

US-09-006-675-5

Sequence 5, Application US/09006675

Patent No. 5952213

GENERAL INFORMATION:

APPLICANT: Hemmati-Briyanlou, Ali

APPLICANT: Weinstein, Daniel C.

TITLE OF INVENTION: A NOVEL SRC-FAMILY KINASE AND METHODS OF

TITLE OF INVENTION: USE THEREOF

NUMBER OF SEQUENCES: 12

CORRESPONDENCE ADDRESS:

ADDRESSEE: Klauber & Jackson

STREET: 411 Hackensack Avenue, 4th Floor

CITY: Hackensack

STATE: New Jersey

COUNTRY: USA

ZIP: 07601

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/006,675

FILING DATE: 13-JAN-1998

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Jackson Bsq., David A.

REGISTRATION NUMBER: 26,742

REFERENCE/DOCKET NUMBER: 600-1-217

TELECOMMUNICATION INFORMATION:

TELEPHONE: 201-487-5800

TELEFAX: 201-343-1684

INFORMATION FOR SEQ ID NO: 5:

SEQUENCE CHARACTERISTICS:

LENGTH: 282 base pairs

TYPE: nucleic acid

STRANDEDNESS: double

TOPOLOGY: linear

MOLECULE TYPE: cDNA

HYPOTHETICAL: NO

LOCATION: 1..1491
US-09-006-675-1

Query Match 26.2%; Score 65.2; DB 2; Length 1491;
Best Local Similarity 57.7%; Pred. No. 2.2e-10;
Matches 143; Conservative 0; Mismatches 93; Indels 12; Gaps 1;

OY 1 TGGCTGTATGAGGCGCTTACGAGGAGGAGAAAGCAAGAACTGTTTCTTCTGGAAC 60
DB 349 TGGTACTTTAAAGGATGAGCGGAGGAGAAAGTAAAGGAGCTGATCTCTGTTAAT 408
OY 61 CCTGAGAGGCGCTTCTCTATCCGAGGAGCCAGACAGAGAGGCTTTACTCTGTGA 120
DB 409 AAAAGTGGGCGCTTTCATGATCCGAGACAGTGAACATGAAAGTTGTTCTCCCTCT 468
OY 121 GTCCGCTTACGCGCCCTGATCTTGGACCGGATCAACATCAAGATCCACTGCTT 180
DB 469 GTCCGAGAC-----TCAGGGGACACTGTGAACATTAACAAATTCGACACTC 516
OY 181 GACATGCTGCTGTATCATCTACCGGCGCTCACTTCCCTCACTCCAGGCGCTGTG 240
DB 517 GATGATGAGAGTTTCTTCACTTCTTACAGGATCCCTTTCTTCTTCCAGAGCTGTGA 576
OY 241 GACCATTA 248
DB 577 CGCATTA 584

RESULT 11

US-09-228-603A-1
Sequence 1, Application US/09228603A

Patent No. 6281651
GENERAL INFORMATION:
APPLICANT: Hemmati-Brivanlou, Ali
TITLE OF INVENTION: A NOVEL SRC-FAMILY KINASE AND METHODS OF
TITLE OF INVENTION: USE THEREOF
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Klauber & Jackson
STREET: 411 Hackensack Avenue, 4th Floor
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/228,603A
FILING DATE: 12-JAN-1999
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-217 N

TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-487-5800
TELEFAX: 201-343-1684
TELEX: 133521

INFORMATION FOR SEQ ID NO. 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 1491 base pairs
TYPE: nucleic acid
STRANDEDNESS: double

TOPOLOGY: linear
MOLECULE TYPE: CDNA
HYPOTHEetical: NO
FEATURE:
NAME/KEY: CDS
LOCATION: 1..1491

US-09-228-603A-1

Query Match 26.2%; Score 65.2; DB 4; Length 1491;
Best Local Similarity 57.7%; Pred. No. 2.2e-10;
Matches 143; Conservative 0; Mismatches 93; Indels 12; Gaps 1;

OY 1 TGGCTGTATGAGGCGCTTACGAGGAGGAGAAAGCAAGAACTGTTTCTTCTGGAAC 60
DB 349 TGGTACTTTAAAGGATGAGCGGAGGAGAAAGTAAAGGAGCTGATCTCTGTTAAT 408
OY 61 CCTGAGAGGCGCTTCTCTATCCGAGGAGCCAGACAGAGAGGCTTTACTCTGTGA 120
DB 409 AAAAGTGGGCGCTTTCATGATCCGAGACAGTGAACATGAAAGTTGTTCTCCCTCT 468
OY 121 GTCCGCTTACGCGCCCTGATCTTGGACCGGATCAACATCAAGATCCACTGCTT 180
DB 469 GTCCGAGAC-----TCAGGGGACACTGTGAACATTAACAAATTCGACACTC 516
OY 181 GACATGCTGCTGTATCATCTACCGGCGCTCACTTCCCTCACTCCAGGCGCTGTG 240
DB 517 GATGATGAGAGTTTCTTCACTTCTTACAGGATCCCTTTCTTCTTCCAGAGCTGTGA 576
OY 241 GACCATTA 248
DB 577 CGCATTA 584

RESULT 12

PCT-US93-06251-83
Sequence 83, Application PC/TUS9306251

GENERAL INFORMATION:
APPLICANT: Wickstrom, Eric and Rife, Jason P.
TITLE OF INVENTION: Trivalent Synthesis of Oligonucleotides Containing
NUMBER OF SEQUENCES: 93
CORRESPONDENCE ADDRESS:
ADDRESSEE: SCULLY, SCOTT, MURPHY & PRESSER
STREET: 400 Garden City Plaza
CITY: Garden City
STATE: NY
COUNTRY: USA
ZIP: 11530

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/06251
FILING DATE: 19930630
CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:
NAME: Digilio, Frank S.
REGISTRATION NUMBER: 31,346
REFERENCE/DOCKET NUMBER: 8586
TELECOMMUNICATION INFORMATION:
TELEPHONE: 516-742-4343
TELEFAX: 516-742-4366
TELEX: 230 901 SANS UR

INFORMATION FOR SEQ ID NO. 83:
SEQUENCE CHARACTERISTICS:
LENGTH: 4517 base pairs
TYPE: nucleic acid
STRANDEDNESS: double

TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
PCT-US93-06251-83

Query Match 21.0%; Score 52.2; DB 5; Length 4517;
Best Local Similarity 51.5%; Pred. No. 2.1e-06;
Matches 120; Conservative 0; Mismatches 113; Indels 0; Gaps 0;

OY 17 TGACAGAGGAGAAAGCAAGAGAACTGCTGTTTACTGGAACCTGAGAGGCGCTTCC 76

Db 695 TGGGGAGAAAAGATCTGAAAGTTTCTTTGAAATCTCGAAATCAAGAGATATTTTCT 754
Qy 77 TCATCCGGAGAGCCAGACAGAGAGAGGCTCTTACTCTCTGTCAGCCGCTCAGCCGCC 136
Db 755 TAGTAAAGAGAGTGAACAACTAAAGGCTATATCTCTTCTATTTGATGGGATG 814
Qy 137 CTGCATCTCGGAGCCGATGACACTACAGAGATCCATGCTCTGACAAATGGCTGCTGT 196
Db 815 AGATAGGGGTGACATGATGAAACACTACAAATTAAGAACTTACATGATGGATCT 874
Qy 197 AACTCTCACCAGGCTCCTACCTTCCCTACTCCAGCCCTGTGACCATTTAC 249
Db 875 ATATCAACACGAGACAAATTTGATCTGACAAATTTGTGAACACTAC 927

RESULT 13

US-09-099-053-1
; Sequence 1, Application US/09099053
; Patent No. 6388063

GENERAL INFORMATION:
APPLICANT: Greg Plowman
APPLICANT: Susan Onrust
APPLICANT: David Markby
APPLICANT: Sara Courtenidge
TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF
TITLE OF INVENTION: SAD RELATED DISORDERS
NUMBER OF SEQUENCES: 28
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/099,053
FILING DATE: Herewith

CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/049,914
FILING DATE: June 18, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,337
REFERENCE/DOCKET NUMBER: 235/121
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 1548 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-09-099-053-1

Query Match 19.6%; Score 48.8; DB 4; Length 1548;
Best Local Similarity 57.1%; Pred. No. 1.6e-05;
Matches 89; Conservative 0; Mismatches 67; Indels 0; Gaps 0;

Qy 406 TGGTCTATGAGGCGCTGAGAGGAGAAAGAGAGAACTGCTGTTGTTACTTGGAGAC 60
Db 406 TGGTCTATGAGGCGGCTGAGAGGAGCCAGGACAGCAGCTGCTCTCCCAACCCAC 465

Qy 61 CCTGAGGGGCGCTTCTCATCCGGAGAGCCAGACAGAGAGGCTCTTACTCTGTCA 120
Db 466 GAACAGGGGCGTTCTCTCATCCGGCCAGAGAGAGGCTCTCGGGGCTTACTACTGTCA 525
Qy 121 GTCCGCTCAGCGCCCTTGCATCTGGAGCCGATC 156
Db 526 GTCCGGGCCAGGCGCAAGGTGTGCCACTACCGGCTC 561

RESULT 14

PCT-US93-06251-14
; Sequence 14, Application PC/TUS9306251
; GENERAL INFORMATION:

APPLICANT: Wickstrom, Eric and Rife, Jason P.
TITLE OF INVENTION: Trivalent Synthesis of Oligonucleotides Containing
TITLE OF INVENTION: Stereospecific Alkylphosphonates and Arylphosphonates
NUMBER OF SEQUENCES: 93
CORRESPONDENCE ADDRESS:
ADDRESSEE: SCULLY, SCOTT, MURPHY & PRESSER
STREET: 400 Garden City Plaza
CITY: Garden City
STATE: NY
COUNTRY: USA
ZIP: 11530

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/06251
FILING DATE: 19930630

CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Digilio, Frank S.
REGISTRATION NUMBER: 31,346
REFERENCE/DOCKET NUMBER: 8586
TELECOMMUNICATION INFORMATION:
TELEPHONE: 516-742-4343
TELEFAX: 516-742-4366
TELEX: 230 901 SANS UR

INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 190 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
PCT-US93-06251-14

Query Match 18.5%; Score 46; DB 5; Length 190;
Best Local Similarity 56.7%; Pred. No. 6e-05;
Matches 85; Conservative 0; Mismatches 65; Indels 0; Gaps 0;

Qy 100 AAGGGCTTACTCTGTCAGTCGCCCTCAGCCGCTGCATCTCGGACCGGATGAGA 159
Db 17 ACGATGCTTACTCTCTGTCATCCGGAGCTGGATGAGACAGAGGGGACATGTAAG 76
Qy 160 CACTACAGATCACTGCTTGAACAATGCTGTGCTGTACATCTCACCGGCTCACCTTC 219
Db 77 CATTACAGATCCGCAACTGACATGCGCGGCTTACTATCAATCCACACAGGGGTTCAGTTC 136
Qy 220 CCTGACTCCAGGCGCTGTGACCATTTAC 249
Db 137 AACTCGGTGAGAGCTGTGTGACGACTAC 166

RESULT 15

PCT-US93-06251-13
; Sequence 13, Application PC/TUS9306251
; GENERAL INFORMATION:

APPLICANT: Wickstrom, Eric and Rife, Jason P.
TITLE OF INVENTION: Trivalent Synthesis of Oligonucleotides Containing

TITLE OF INVENTION: Stereospecific Alkylphosphonates and Arylphosphonates
 NUMBER OF SEQUENCES: 93
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: SCULLY, SCOTT, MURPHY & PRESSER
 STREET: 400 Garden City Plaza
 CITY: Garden City
 STATE: NY
 COUNTRY: USA
 ZIP: 11530
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US93/06251
 FILING DATE: 19930630
 CLASSIFICATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: Digilio, Frank S.
 REGISTRATION NUMBER: 31,346
 REFERENCE/DOCKET NUMBER: 8586
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 516-742-4343
 TELEFAX: 516-742-4366
 TELEX: 230 901 SANS UR
 INFORMATION FOR SEQ ID NO: 13:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 144 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 PCT-US93-06251-13

Query Match	18.1%;	Score 45;	DB 5;	Length 144;
Best Local Similarity	70.6%;	Pred. No. 0.00011;		
Matches 60;	Conservative	0;	Mismatches 25;	Indels 0;
			Gaps	0;

Qy	Db	Qy	Db
20	41	80	101
GCAGGGAAGGACGAGAGAACTGCTGTTGTTACCTGAGAACTCTGAGAGGGGCTTCTCA	GAGAGAAAGATCTCAGAGAGGCACTGCTTTTACACAGCAACCCGAGGGGCTTCTCA	TCCGAGAGAGCTCAGATCCAGAGAGG	TTTCGAGAAAGCGAGATCCACCAAGG
79	100	104	125

Search completed: March 30, 2003, 06:27:25
Job time : 15.0303 secs

